

Appl. No. 09/351,086  
Amendment and/or Response  
Reply to Office action of 24 August 2005

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**Amendments to the Claims:**

A listing of the entire set of pending claims (including amendments to the claims, if any) is submitted herewith per 37 CFR 1.121. This listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims:**

1. (Currently amended) A method for processing video, the method comprising:

displaying a sequence of video segments at a display of a user,  
extracting a feature from one or more video segments of the sequence,  
determining an association between ~~a first video segment including a~~  
~~particular the~~ feature and at least one additional information source also including  
that feature; and  
defining a link between the feature and the at least one additional information  
source to facilitate a utilizing the association to display of information from the  
additional information source based at least in part on a selection by ~~a the~~ user of the  
feature ~~in the first video segment while the one or more video segments are is~~  
displayed to the user.

2. (Currently amended) The method of claim 1 wherein

~~determining the association further defining the link~~ includes retrieving the  
~~association link~~ from a memory based on an identification of the feature.

3. (Canceled)

4. (Currently amended) The method of claim 1 wherein

the additional information source ~~comprises~~ includes an additional video  
segment ~~that also including~~ includes the feature.

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5. (Currently amended) The method of claim 4, ~~including wherein utilizing the association includes~~

switching from display of the first video segment to display of the additional video segment ~~also including the feature.~~

6. (Currently amended) The method of claim 4, ~~including wherein utilizing the association includes~~

\_\_\_\_\_ displaying the additional video segment at least in part in a separate portion of a display which also includes at least a portion of the first ~~one or more~~ video segments.

7. (Currently amended) The method of claim 1 wherein

the feature ~~is~~ includes a video feature ~~extracted from at least one frame of the video segment.~~

8. (Currently amended) The method of claim 7 wherein

the video feature ~~comprises~~ includes at least one of:

- a frame characterization,
- a face identification,
- a scene identification,
- an event identification, and
- an object identification.

9. (Currently amended) The method of claim 1 wherein

the feature ~~is~~ includes an audio feature ~~extracted from at least one frame of the video segment.~~

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10. (Currently amended) The method of claim 9, ~~including wherein utilizing the association includes~~  
\_\_\_\_\_ combining an audio signal corresponding to the audio feature with an audio signal associated with the first video segment.

11. (Currently amended) The method of claim 9, ~~including wherein utilizing the association includes~~  
\_\_\_\_\_ converting an audio signal corresponding to the audio feature into a textual format ~~which that~~ is displayed with the first video segment.

12. (Currently amended) The method of claim 9, ~~further~~ including  
separating at least a portion of the video segment into audio categories  
including one or more of:  
single-voice speech,  
multiple-voice speech,  
music,  
silence, and  
noise,  
in order to extract the audio feature therefrom.

13. (Currently amended) The method of claim 9, wherein  
the audio feature ~~comprises~~ includes at least one of:  
a music signature extraction,  
a speaker identification, and  
a transcript extraction.

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14. (Currently amended) The method of claim 1, wherein  
the feature is a textual feature ~~extracted from at least one frame of the video~~  
segment.

15. (Currently amended) The method of claim 14, ~~including wherein utilizing the~~  
association includes  
displaying information corresponding to the textual information as an overlay  
on a display of the first video segment.

16. (Currently amended) The method of claim 1, wherein ~~determining the association~~  
~~further includes determining the association based at least in part on~~  
the feature includes at least one multi-dimensional feature vector extracted  
from a portion of the video segment using a feature extraction technique.

17. (Currently amended) The method of claim 1, wherein  
determining the association ~~further includes determining the association~~  
~~based at least in part on at least one of~~ includes determining a similarity measure and  
using a clustering technique.

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18. (Currently amended) An apparatus for processing video, the apparatus comprising:

a display that is configured to display a sequence of video segments,

a processor that is configured to:

extract a feature from one or more video segments of the sequence;

a memory for storing determine an association between a first video segment including a particular the feature and at least one additional information source also including that feature; and

a processor coupled to the memory and operative to utilize the association to direct the display of information from the additional information source based at least in part on a selection by a user of the feature in the first video segment while the one or more video segments are is displayed to the user on the display.

19. (Currently amended) An apparatus for processing video, the apparatus comprising:

a processor operative to:

(i) to determine an association between a feature in one or more first video segments including a particular feature and at least one additional information source also including that that also includes the feature; and

(ii) to utilize the association to display information from the additional information source based at least in part on a selection by a user of the feature in the first video segment while the one or more video segments are is displayed to the user.

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20. (Currently amended) An article of manufacture comprising a machine-readable medium containing one or more software programs which when executed:

display a sequence of video segments,

extract a feature from one or more video segments of the sequence,

determine an association between the feature ~~a first video segment including a particular feature~~ and at least one additional information source ~~also including that also includes the~~ feature; and

~~utilize the association to display information from the additional information source based at least in part on a selection by a user of the feature in the first video segment while the~~ one or more video segments are ~~is~~ displayed to the user.

21-25 (Canceled)

26. (New) The method of claim 1, including

storing the link to facilitate subsequent display of the information from the additional information source.

27. (New) The method of claim 1, including

combining the link and the video segment to create a hyperlinked video segment.